

Abstract of the Disclosure

5 A method of producing a cyclic olefin polymer having a polar functional group and a high molecular weight with a high yield in which a catalyst is not deactivated due to polar functional groups, moisture and oxygen is provided. According to the olefin polymerization method, deactivation of a catalyst due to polar functional groups of monomers can be prevented, and thus a polyolefin having a high molecular weight can be prepared with a high yield, and the ratio of catalyst to monomer can be less than 1/5000 due to good activity of the catalyst, and thus removal of catalyst residues is not required.